

**SYSTEM FOR AND METHOD OF DETERMINING THE PERIOD
OF RECURRING EVENTS WITHIN A RECORDED SIGNAL**

ABSTRACT OF THE DISCLOSURE

The disclosure relates to a method of determining one or more periods of recurring events within a recorded signal, such as, music. This method can include establishing one or more anchor points in the recorded signal where an anchor point is indicative of a beginning point for a period of recurring events in the recorded signal, determining a length for the period of recurring events in the recorded signal where the length starts from the established anchor point and defines a first loop, and refining the length for the period of recurring events by comparing the first loop with subsequent loops. The subsequent loops have the length of the first loop.